3625 Del Amo Boulevard, Suite 180 Torrance, California 90503-1643 (310) 370-8370 (310) 370-7026 FAX www.hygienetech.com

February 19, 2008

California State Board of Equalization 450 N Street Sacramento, California 94279

Document No. 20802001.2

Attention: David Gau

Regarding: 24<sup>th</sup> Floor Ceiling Tile Visual Inspection and Surface Assessment

Dear Mr. Gau:

On various dates in February of 2008, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) collected a series of ceiling tile surface samples from the 24<sup>th</sup> Floor of the California State Board of Equalization building located at the above-referenced address. On those dates, HygieneTech performed detailed visual inspections of all accessible ceiling plenum space throughout the entire floor. Additionally, surface tape samples were collected from all ceiling tiles with visible staining, including those that were installed in the suspended ceiling system and also several abandoned loose ceiling tiles that were stacked above.

During the survey, surface samples were collected using Scotch® brand cellophane tape segments that were affixed to microscope slides. All samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The analytical data with supporting and background information appear in the enclosed Table 20802001-3. Attached are also the laboratory results from EMLab P&K.

The surface sample data indicated varying levels of fungal growth involving *Alternaria*, *Cladosporium*, *Penicillium*, *Stachybotrys*, and/or *Ulocladium* species on several of the ceiling tiles throughout the floor, while the majority of the ceiling tiles showed no evidence of fungal growth or above-background levels of loose fungal spores.

Be advised that the data provided in this report only represent limited fungal growth potentials that existed at the time the survey was performed and at the precise sample locations indicated, the latter of which were selected based on the available background information provided. Note that fungal growth potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the survey.

Mr. David Gau February 19, 2008 Document No. 20802001.2 Page 2



HygieneTech is providing general abatement recommendations below, which are offered based strictly on the assessment information and analytical data that were available to HygieneTech at the time this report was prepared.

- 1) Possible sources of the water intrusion should be identified or confirmed and the subsequent repairs made. If water intrusion occurs in the structure in the future, affected materials should be dried promptly so that fungal growth potentials are minimized.
- 2) All stained and abandoned ceiling tiles should be removed using the appropriate engineering controls aimed at minimizing the possible dispersion of fungal spores and contamination of nearby areas.
- 3) An appropriately qualified and experienced contractor should perform all such ceiling tile removal.
- 4) All industrial hygiene work should be performed by or under the direction of an individual who is certified in comprehensive practice by the American Board of Industrial Hygiene (ABIH). An industrial hygienist well acquainted with fungal growth abatement procedures, use of appropriate personal protective equipment, and with the health hazards associated with exposure to fungi should be present at one or more times during performance of the abatement work.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

Kenny K. Hsi, CIH Technical Director



CLIENT: California State Board of Equalization 450 N Street

Sacramento, California 94279

TABLE 20802001-3
SURFACE FUNGAL GROWTH POTENTIALS
24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-07-08	20802001- TL01ME	Room 2427; between Cubicles 30 and 27; ceiling; about center; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-07-08	20802001- TL02ME	Room 2427; Cubicle 28: southeastern corner; ceiling; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-07-08	20802001- TL03ME	Room 2435; ceiling; north of ceiling speaker; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-07-08	20802001- TL04ME	Room 2435; ceiling; west of ceiling speaker; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping
02-07-08	20802001- TL05ME	Room 2427; western end of hallway between Rooms 2428 and 2437; ceiling; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-07-08	20802001- TL06ME	Room 2434; ceiling; about center; from reverse side of loose ceiling tile	Moderate	Very few	3+ Alternaria species (spores, hyphae, conidiophores)  2+ Penicillium species (spores, hyphae, conidiophores)  1+Cladosporium species (spores, hyphae)	None	Fungal growth
02-08-08	20802001- TL07ME	Between Rooms 2450 and 2429; ceiling; about center; from reverse side of ceiling tile	Heavy	Very few	2+ Alternaria species (spores, hyphae)	None	Fungal growth
02-08-08	20802001- TL08ME	Room 2427; area east of Room 2450; ceiling; from reverse side of ceiling tile	Moderate	Very few	3+ Cladosporium species (spores, hyphae) 2+ Alternaria species (spores, hyphae)	None	Fungal growth
02-08-08	20802001- TL09ME	Room 2427; area east of Room 2449 entrance door; ceiling; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



CLIENT: California State Board of Equalization 450 N Street Sacramento, California 94279 TABLE 20802001-3
SURFACE FUNGAL GROWTH POTENTIALS
24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

							Page 2
DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-08-08	20802001- TL10ME	Between Rooms 2449 and 2448; ceiling; from reverse side of loose ceiling tile	Heavy	Very few	None	None	Normal trapping
02-08-08	20802001- TL11ME	Room 2423; ceiling; southern end; about twelve inches northwestern of fire sprinkler; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping
02-08-08	20802001- TL12ME	Room 2423; ceiling; northeastern corner; about four inches south of northern partition wall; from reverse side of ceiling tile	Very heavy	Very few	None	None	Normal trapping
02-08-08	20802001- TL13ME	Room 2422; about twelve inches from eastern partition wall; ceiling; from reverse side of loose ceiling tile	Very heavy	few	None	None	Normal trapping
02-08-08	20802001- TL14ME	Room 2421; approximately two feet west of eastern perimeter wall; ceiling; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-08-08	20802001- TL15ME	Room 2421; ceiling; northeastern corner; about twelve inches south of sprinkler; from reverse side of ceiling tile	Very heavy	Very few	None	None	Normal trapping
02-08-08	20802001- TL16ME	Room 2421; ceiling; approximately six inches east of western partition wall; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-08-08	20802001- TL17ME	Room 2409; ceiling; approximately eighteen inches east of western partition wall; from reverse side of ceiling tile	Very heavy	Very few	None	A few Stachybotrys spores detected	Possible settling
02-11-08	20802001- TL18ME	Room 2408; ceiling; about ten feet east of southwestern entrance door; approximately three feet north of southern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



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Sacramento, California 94279

TABLE 20802001-3
SURFACE FUNGAL GROWTH POTENTIALS
24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

							Page 3
DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-11-08	20802001-			Very few	None	None	Normal
	TL19ME	Room 2408; ceiling; about ten feet east of northern entrance double doors; approximately five feet south of northern partition wall; from reverse side of ceiling tile	Heavy				trapping
02-11-08	20802001- TL20ME	Room 2408; ceiling; about eight feet east of northern entrance double doors; approximately three feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL21ME	Room 2408; ceiling; about center; approximately five feet north of southern partition wall; from reverse side of loose ceiling tile	Light	Very few	4+ Penicillium species (spores, hyphae, conidiophores)  2+ Cladosporium species (spores, hyphae, conidiophores)  2+ Alternaria species (spores, hyphae, conidiophores)  1+ Ulocladium species (spores, hyphae, conidiophores)	None	Fungal growth
02-11-08	20802001- TL22ME	Room 2408; ceiling; about three feet west of the location of TL21ME; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL23ME	Room 2408; ceiling; about twenty feet east of southwestern entrance door; approximately two feet north of southern partition wall; from reverse side of ceiling tiles	Moderate	Few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



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Sacramento, California 94279

TABLE 20802001-3
SURFACE FUNGAL GROWTH POTENTIALS
24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

							Page 4
DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-11-08	20802001- TL24ME	Room 2408; ceiling; about twenty feet east of western partition wall; approximately four feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL25ME	Room 2408; ceiling; about two feet east of western partition wall; approximately three feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL26ME	Room 2406; ceiling southwestern corner; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL27ME	Room 2406; ceiling; about center; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL28ME	Room 2405; approximately five feet east of western partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL29ME	Room 2418; ceiling; about three feet east of western partition wall; approximately six inches south of northern partition wall; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-11-08	20802001- TL30ME	Room 2417; ceiling; about four feet east of western partition wall; approximately two feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL31ME	Room 2415; ceiling; about four feet east of western partition wall; approximately two feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



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Sacramento, California 94279

TABLE 20802001-3 **SURFACE FUNGAL GROWTH POTENTIALS** 24<sup>TH</sup> FLOOR - CEILING TILES **SACRAMENTO, CALIFORNIA** FEBRUARY, 2008

							Page 5
DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-11-08	20802001- TL32ME	Room 2413; ceiling; about four feet east of western partition wall; approximately two feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL33ME	Room 2411; ceiling; about three feet east of western partition wall; approximately five feet south of northern partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL34ME	Room 2410; about two feet south of northern partition wall; approximately three inches east of western partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL35ME	Room 2447; ceiling; about two feet north of southern partition wall; approximately two feet east of western partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL36ME	Room 2447; ceiling; about three feet south of northern partition wall; approximately one foot east of western partition wall; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-11-08	20802001- TL37ME	Room 2446; ceiling; about one foot south of northern partition wall; approximately six inches east of western partition wall; from reverse side of ceiling tile	Heavy	Few	None	None	Normal trapping
02-11-08	20802001- TL38ME	Room 2446; ceiling; about five feet north of southern partition wall; approximately one foot east of western partition wall	Heavy	Few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



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SURFACE FUNGAL GROWTH POTENTIALS
24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-11-08	20802001- TL39ME	Room 2445; ceiling; western partition wall; about two feet north of southern partition wall; from reverse side of ceiling tile	Heavy	Few	<1+ Stachybotrys species (spores, hyphae, conidiophores)	None	Minimal fungal growth or possible settling
02-11-08	20802001- TL40ME	Room 2445; ceiling; about four feet north of southern partition wall; approximately one foot east of western partition wall; from reverse side of ceiling tile	Moderate	Few	None	None	Normal trapping
02-11-08	20802001- TL41ME	Southern hallway; eastern end; ceiling; approximately three ceiling tiles west of stairwell; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-11-08	20802001- TL42ME	Southern hallway; ceiling; approximately three ceiling tiles west of Room 24B; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-11-08	20802001- TL43ME	Southern hallway; ceiling; adjacent to central elevator area double doors; from reverse side of loose ceiling tile	Moderate	Very few	None	None	Normal trapping
02-11-08	20802001- TL44ME	Northern hallway; ceiling; approximately four feet northeast of Men's Restroom entrance; from reverse side of loose ceiling tile	Moderate	Very few	None	None	Normal trapping
02-11-08	20802001- TL45ME	Northern hallway; approximately three feet northeast of central elevator area double doors; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping
02-13-08	20802001- TL46ME	Room 2427; hallway between Rooms 2428 and 2438; ceiling; about two feet south of Room 2438 entrance door; from reverse side of ceiling tile	Very heavy	Very few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



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Sacramento, California 94279

TABLE 20802001-3
SURFACE FUNGAL GROWTH POTENTIALS
24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-13-08	20802001-	Room 2427; hallway	Heavy	Very few	None	None	Normal
02-13-00	TL47ME	between Rooms 2428 and 2438; ceiling; about two feet south of northern partition wall; approximately three feet west of eastern end	Tieavy	very lew	None	None	trapping
		of hallway; from reverse					
		side of ceiling tile		.,			
02-13-08	20802001- TL48ME	Room 2438; ceiling; about center; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-13-08	20802001- TL49ME	Room 2427; hallway between Rooms 2428 and 2438; ceiling; about two feet east of western end of hallway; approximately three inches north of southern partition wall; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping
02-13-08	20802001- TL50ME	Room 2428; ceiling; about three inches east of western partition wall; approximately four feet north of southern partition wall; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping
02-13-08	20802001- TL51ME	Room 2428; ceiling; about three feet south of northern partition wall; approximately five feet east of western partition wall; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-13-08	20802001- TL52ME	Room 2428; ceiling; about three inches south of northern partition wall; approximately two feet west of eastern partition wall; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



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24<sup>TH</sup> FLOOR - CEILING TILES
SACRAMENTO, CALIFORNIA
FEBRUARY, 2008

DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
02-13-08	20802001- TL53ME	Room 2439; ceiling; about one inch east of western partition wall; approximately two feet north of southern partition wall; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-13-08	20802001- TL54ME	Room 2240; ceiling; northeastern corner; from reverse side of ceiling tile	Moderate	Very few	None	None	Normal trapping
02-13-08	20802001- TL55ME	Room 2427; ceiling; about three feet south of Room 2240; from reverse side of ceiling tile	Very heavy	Very few	None	None	Normal trapping
02-13-08	20802001- TL56ME	Room 2427; southeastern corner; from reverse side of ceiling tile	Heavy	Very few	None	None	Normal trapping
02-13-08	20802001- TL57ME	Room 2441A; ceiling; about two feet east of western partition wall; approximately two feet north of southern partition wall; from reverse side of ceiling tile	Very heavy	Very few	None	None	Normal trapping
02-13-08	20802001- TL58ME	Room 2444; ceiling; about two feet south of northern partition wall; approximately two feet east of western partition wall; from reverse side of ceiling tile	Very heavy	Very few	None	None	Normal trapping

<sup>\*</sup> Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

<sup>\*\*</sup>Quantities of fungi are graded (from least to greatest) as <1+ to 4+.



Mr. Wes Frey Hygiene Technologies International, Inc.: Northern California 3127 Bowen Island Street West Sacramento, CA 95691

Regarding: Project: 20802001

EMĹ ID: 386799

Approved by:

Lab Manager

Dr. Kamashwaran Ramanathan

Dates of Analysis:

Direct microscopic exam (Qualitative): 02-13-2008

Project SOPs: Direct microscopic exam (Qualitative) (I100005)

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

3800 Watt Ave., Suite 145, Sacramento, CA 95821 (650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California

C/O: Mr. Wes Frey Re: 20802001

Date of Sampling: 02-07-2008 Date of Receipt: 02-08-2008 Date of Report: 02-13-2008

#### DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Lab ID-Version‡: 1697417-1: Tape sample 20802001-TL01ME   None   Normal trapping	Background Debris and/or	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or	Other Comments††	General Impression			
Moderate   Very few   None   None   None   Normal trapping	Description		sporulating structures†					
Lab ID-Version: 1697418-1: Tape sample 20802001-TL02ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697419-1: Tape sample 20802001-TL03ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697420-1: Tape sample 20802001-TL04ME  Heavy Very few None None Normal trapping  Lab ID-Version: 1697421-1: Tape sample 20802001-TL05ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697421-1: Tape sample 20802001-TL05ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697422-1: Tape sample 20802001-TL06ME  Moderate Very few 3+ Alternaria species (spores, hyphae, conidiophores)  1+ Cladosporium species (spores, hyphae)  None Mold growth  Hold growth  Mold growth	Lab ID-Version‡: 1	697417-1: Tape sar	mple 20802001-TL01ME					
Moderate   Very few   None   None   None   Normal trapping	Moderate	Very few	None	None	Normal trapping			
Lab ID-Version: 1697419-1: Tape sample 20802001-TL03ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697420-1: Tape sample 20802001-TL04ME  Heavy Very few None None Normal trapping  Lab ID-Version: 1697421-1: Tape sample 20802001-TL05ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697422-1: Tape sample 20802001-TL05ME  Moderate Very few 3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae, conidiophores)	Lab ID-Version: 16	597418-1: Tape sam	ple 20802001-TL02ME					
ModerateVery fewNoneNoneNoneNormal trappingLab ID-Version: 1697420-1: Tape sample 20802001-TL04ME HeavyVery fewNoneNoneNoneNormal trappingLab ID-Version: 1697421-1: Tape sample 20802001-TL05ME ModerateNoneNoneNoneNormal trappingLab ID-Version: 1697422-1: Tape sample 20802001-TL06ME ModerateNoneNoneModerateNoneModerateModerateVery few3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)NoneModerate	Moderate	Very few	None	None	Normal trapping			
Lab ID-Version: 1697420-1: Tape sample 20802001-TL04ME  Heavy Very few None None Normal trapping  Lab ID-Version: 1697421-1: Tape sample 20802001-TL05ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697422-1: Tape sample 20802001-TL06ME  Moderate Very few 3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)	Lab ID-Version: 1697419-1: Tape sample 20802001-TL03ME							
Heavy Very few None None Normal trapping  Lab ID-Version: 1697421-1: Tape sample 20802001-TL05ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697422-1: Tape sample 20802001-TL06ME  Moderate Very few 3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)	Moderate	Very few	None	None	Normal trapping			
Lab ID-Version: 1697421-1: Tape sample 20802001-TL05ME  Moderate Very few None None Normal trapping  Lab ID-Version: 1697422-1: Tape sample 20802001-TL06ME  Moderate Very few 3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)	Lab ID-Version: 16	597420-1: Tape sam	ple 20802001-TL04ME					
ModerateVery fewNoneNoneNoneNormal trappingLab ID-Version: 1697422-1: Tape sample 20802001-TL06MEModerateVery few3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)NoneMold growth	Heavy	Very few	None	None	Normal trapping			
Lab ID-Version: 1697422-1: Tape sample 20802001-TL06ME  Moderate Very few 3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)	Lab ID-Version: 16	597421-1: Tape sam	ple 20802001-TL05ME					
Moderate  Very few  3+ Alternaria species (spores, hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)  None  Mold growth	Moderate	Very few	None	None	Normal trapping			
hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)	Lab ID-Version: 16	97422-1: Tape sam	ple 20802001-TL06ME					
‡ A "Version" greater than 1 indicates amended data.		·	hyphae, conidiophores) 2+ Penicillium species (spores, hyphae, conidiophores) 1+ Cladosporium species (spores, hyphae)	None	Mold growth			

<sup>‡</sup> A "Version" greater than I indicates amended data.



Mr. Wes Frey Hygiene Technologies International, Inc.: Northern California 3127 Bowen Island Street West Sacramento, CA 95691

Regarding: Project: 20802001 EML ID: 387183

Approved by:

Lab Manager Magzoub Ismail Dates of Analysis: Direct microscopic exam (Qualitative): 02-14-2008

Project SOPs: Direct microscopic exam (Qualitative) (I100005)

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Document Number: 200091 - Revision Number: 5

1010 N Central Avenue, Glendale, CA 91202 (858) 569-5800 Fax (858) 569-5806 www.emlab.com

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wes Frey

Date of Sampling: 02-08-2008
Date of Receipt: 02-11-2008
Date of Report: 02-14-2008

Re: 20802001

#### DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1	1698646-1: Tape sar	mple 20802001-TL07ME		
Heavy	Very few	2+ Alternaria species (spores, hyphae)	None	Mold growth
Lab ID-Version: 16	598647-1: Tape sam	ple 20802001-TL08ME		
Moderate	Very few	3+ Cladosporium species (spores, hyphae) 2+ Alternaria species (spores, hyphae)	None	Mold growth
Lab ID-Version: 16	698648-1: Tape sam	ple 20802001-TL09ME		
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 16	⊥ 598649-1: Tape sam	ple 20802001-TL10ME		
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 16	1 598650-1: Tape sam	ple 20802001-TL11ME		
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 16	598651-1: Tape sam	ple 20802001-TL12ME		
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 16	⊥ 598652-1: Tape sam	ple 20802001-TL13ME		
Very Heavy	Few	None	None	Normal trapping
Lab ID-Version: 16	 698653-1: Tape sam	ple 20802001-TL14ME		
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 16	1 598654-1: Tape sam	ple 20802001-TL15ME		
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 16	 698655-1: Tape sam	ple 20802001-TL16ME		
Moderate	Very few	None	None	Normal trapping

EMLab ID: 387183, Page 1 of 2

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression				
Lab ID-Version‡: 1698656-1: Tape sample 20802001-TL17ME								
Very Heavy	Very few	None	A few <i>Stachybotrys</i> spores detected.	Mold growth in vicinity?				

<sup>‡</sup> A "Version" greater than 1 indicates amended data.



Mr. Wes Frey Hygiene Technologies International, Inc.: Northern California 3127 Bowen Island Street West Sacramento, CA 95691

Regarding: Project: 20802001

EMĹ ID: 388934

Approved by:

Lab Manager

Dr. Kamashwaran Ramanathan

Dates of Analysis:

Direct microscopic exam (Qualitative): 02-15-2008

Project SOPs: Direct microscopic exam (Qualitative) (I100005)

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#### EMLab P&K

3800 Watt Ave., Suite 145, Sacramento, CA 95821 (650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California C/O: Mr. Wes Frey

Re: 20802001

Date of Sampling: 02-11-2008 Date of Receipt: 02-14-2008 Date of Report: 02-15-2008

#### DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1	1707012-1: Tape sar	mple 20802001-TL18ME		
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 17	707013-1: Tape sam	ple 20802001-TL19ME		1
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	     707014-1: Tape sam	ple 20802001-TL20ME		
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 17	     707015-1: Tape sam	ple 20802001-TL21ME		
Light	Very few	4+ Penicillium species (spores, hyphae, conidiophores) 2+ Cladosporium species (spores, hyphae, conidiophores) 2+ Alternaria species (spores, hyphae, conidiophores) 1+ Ulocladium species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 17	707016-1: Tape sam	ple 20802001-TL22ME		
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 17		ple 20802001-TL23ME		
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 17	107018-1: Tape sam	ple 20802001-TL24ME		
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 17	⊥ 707019-1: Tape sam	ple 20802001-TL25ME		
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 17	707020-1: Tape sam	ple 20802001-TL26ME		1
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 17	   707021-1: Tape sam	ple 20802001-TL27ME		
Heavy	Few	None	None	Normal trapping
			EMLab	   ID: 388934, Page 1 of 3

Background Debris and/or	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or	Other Comments††	General Impression		
Description	Spores rresent	sporulating structures†	Commence	mpression		
Lab ID-Version‡: 1707022-1: Tape sample 20802001-TL28ME						
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	     107023-1: Tape sam	ple 20802001-TL29ME				
Moderate	Very few	None	None	Normal trapping		
Lab ID-Version: 17	Lab ID-Version: 1707024-1: Tape sample 20802001-TL30ME					
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	707025-1: Tape sam	ple 20802001-TL31ME		I		
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	707026-1: Tape sam	ple 20802001-TL32ME				
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	707027-1: Tape sam	ple 20802001-TL33ME				
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17		ple 20802001-TL34ME				
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	   107029-1: Tape sam	ple 20802001-TL35ME				
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 1707030-1: Tape sample 20802001-TL36ME						
Moderate	Very few	None	None	Normal trapping		
Lab ID-Version: 1707031-1: Tape sample 20802001-TL37ME						
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	707032-1: Tape sam	ple 20802001-TL38ME				
Heavy	Few	None	None	Normal trapping		
Lab ID-Version: 17	     107033-1: Tape sam	ple 20802001-TL39ME				
Heavy	Few	< 1+ Stachybotrys species (spores, hyphae, conidiophores)	None	Minimal mold growth		
Lab ID-Version: 1707034-1: Tape sample 20802001-TL40ME						
Moderate	Few	None	None	Normal trapping		
	I					

Background Debris and/or	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or	Other Comments††	General Impression		
Description		sporulating structures†				
Lab ID-Version‡: 1	Lab ID-Version‡: 1707035-1: Tape sample 20802001-TL41ME					
Moderate	Very few	None	None	Normal trapping		
Lab ID-Version: 17	Lab ID-Version: 1707036-1: Tape sample 20802001-TL42ME					
Moderate	Very few	None	None	Normal trapping		
Lab ID-Version: 1707037-1: Tape sample 20802001-TL43ME						
Moderate	Very few	None	None	Normal trapping		
Lab ID-Version: 1707038-1: Tape sample 20802001-TL44ME						
Moderate	Very few	None	None	Normal trapping		
Lab ID-Version: 1707039-1: Tape sample 20802001-TL45ME						
Heavy	Very few	None	None	Normal trapping		

<sup>‡</sup> A "Version" greater than 1 indicates amended data.



Mr. Wes Frey Hygiene Technologies International, Inc.: Northern California 3127 Bowen Island Street West Sacramento, CA 95691

Regarding: Project: 20802001

EMĹ ID: 388421

Approved by:

Dates of Analysis:

Direct microscopic exam (Qualitative): 02-14-2008

Lab Manager Magzoub Ismail

Project SOPs: Direct microscopic exam (Qualitative) (I100005)

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Document Number: 200091 - Revision Number: 5

1010 N Central Avenue, Glendale, CA 91202 (858) 569-5800 Fax (858) 569-5806 www.emlab.com

Client: Hygiene Technologies International, Inc.: Date of S Northern California Date of I

Date of Sampling: 02-13-2008 Date of Receipt: 02-13-2008 Date of Report: 02-14-2008

C/O: Mr. Wes Frey Re: 20802001

#### **DIRECT MICROSCOPIC EXAMINATION REPORT** (Wet Mount)

Background Debris and/or	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or	Other Comments††	General Impression
Description	-	sporulating structures†		_
Lab ID-Version‡: 1	1704490-1: Tape san	mple 20802001-TL46ME		
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	704491-1: Tape sam	ple 20802001-TL47ME		
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	704492-1: Tape sam	ple 20802001-TL48ME		
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 17		ple 20802001-TL49ME		
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	704494-1: Tape sam	ple 20802001-TL50ME		I
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	704495-1: Tape sam	ple 20802001-TL51ME		I
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 17	704496-1: Tape sam	ple 20802001-TL52ME		I.
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	704497-1: Tape sam	ple 20802001-TL53ME		I.
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 17	704498-1: Tape sam	ple 20802001-TL54ME		I
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 17	704499-1: Tape sam	ple 20802001-TL55ME		I.
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 17	 	ple 20802001-TL56ME		
Heavy	Very few	None	None	Normal trapping

EMLab ID: 388421, Page 1 of 2

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1704501-1: Tape sample 20802001-TL57ME				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 1704502-1: Tape sample 20802001-TL58ME				
Very Heavy	Very few	None	None	Normal trapping

<sup>‡</sup> A "Version" greater than 1 indicates amended data.